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L10 0 FERRER JOSEP ESCAICH/AU

=> s Verbruggen August Lodewijk/AU
L11 2 VERBRUGGEN AUGUST LODEWIJK/AU

=> dis l11 1-2 bib abs

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:1004529 CAPLUS <<LOGINID::20081023>>

DN 143:299104

TI Use of sulfated polysaccharides for treatment of arthrosis

IN Vila Pahi, Francisco Javier; Escaich Ferrer, Josep; Verbruggen, August Lodewijk; Verges Milano, Josep; Ruhi, Roura Ramon; Alaez Verson, Carlos Raul

PA Bioiberica, S.A., Spain

SO PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005084610	A2	20050915	WO 2005-EP1390	20050211
	WO 2005084610	A3	20051208		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
 SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

ES 2251289 A1 20060416 ES 2004-464 20040227

ES 2251289 B1 20070701

AU 2005218729 A1 20050915 AU 2005-218729 20050211

CA 2555616 A1 20050915 CA 2005-2555616 20050211

JP 2007523925 T 20070823 JP 2007-500092 20050211

EP 1917018 A2 20080507 EP 2005-707336 20050211

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

US 20080051350 A1 20080228 US 2006-590311 20060823

PRAI ES 2004-464 A 20040227

WO 2005-EP1390 W 20050211

AB The present invention relates to the use of a sulfated polysaccharide in acid form or as a physiol. acceptable salt thereof, selected from the group consisting of inulin sulfate, gellan sulfate, pullulan sulfate, curdlan sulfate, alginic acid sulfate, laminarin sulfate, and pectin sulfate, for the preparation of a medicament for the treatment or prophylaxis of arthrosis in a mammal. Preferably, the sulfated polysaccharide is inulin sulfate, most preferably inulin polysulfate sodium salt. The present invention also relates to the use of a sulfated oligosaccharide derived from a polysaccharide selected from the group consisting of inulin, gellan, pullulan, curdlan, alginic acid, laminarin, and pectin, for the preparation of a medicament for the treatment or prophylaxis of arthrosis in a mammal. For example, inulin polysulfate sodium salt was synthesized by reacting 88 mL (1.32 mol; 1.8 equiv/OH) of chlorosulfonic acid in pyridine with 40 g (0.25 mol) inulin at 100°, and treatment with 10% sodium acetate methanolic solution. The effectiveness of the inulin polysulfate in the production of aggrecans associated with inflammation and catabolism of human chondrocytes was demonstrated in vitro. There was a dose-effect relationship, with greater doses of the compound, there was a greater increase in the production of aggrecans associated with the cells. Inulin polysulfate was also capable of reducing the aggrecan degradation in a chondrocyte culture.

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:71883 CAPLUS <<LOGINID::20081023>>

DN 136:123676

TI Use of polysulfated cyclodextrins for treating osteoarthritis

IN Veys, Eric Maximilien; Verbruggen, August Lodewijk

PA Les Laboratoires Servier, Fr.

SO PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002005826	A1	20020124	WO 2001-FR2253	20010712
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	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,				
	RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,				
	UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

FR 2811572	A1	20020118	FR 2000-9272	20000717
FR 2811572	B1	20030418		
CA 2416369	A1	20020124	CA 2001-2416369	20010712
CA 2416369	C	20080715		
AU 2001076437	A	20020130	AU 2001-76437	20010712
EP 1301192	A1	20030416	EP 2001-954083	20010712
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004503594	T	20040205	JP 2002-511758	20010712
US 20030109493	A1	20030612	US 2003-333226	20030115
US 6930098	B2	20050816		
PRAI FR 2000-9272	A	20000717		
WO 2001-FR2253	W	20010712		

AB The invention concerns the use of polysulfated cyclodextrins or their addition salts to obtain pharmaceutical compns. useful for treating osteoarthritis. Cyclodextrin polysulfate sodium salt was prepared by the reaction of chlorosulfonic acid with cyclodextrin and then reaction with sodium acetate. A tablet contained sodium γ -cyclodextrin polysulfate 100, hydroxypropyl cellulose 2, wheat starch 10, lactose 100, magnesium stearate 3, and talc 3 g.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s Milano Josep Verges/AU
 L12 0 MILANO JOSEP VERGES/AU

=> s Roura Ramon Ruhi/AU
 L13 0 ROURA RAMON RUHI/AU

=> s Verson Carlos Raul Alaez/AU
 L14 0 VERNON CARLOS RAUL ALAEZ/AU

=> dis hist

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FILE 'APOLLIT, BABS, CAPLUS, CBNB, CIN, COMPENDEX, DISSABS, EMA, IFIPAT, NTIS, PASCAL, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPATOLD, USPAT2, WPIFV, WPINDEX, WSCA, WTEXTILES, MEDLINE, EMBASE, BIOSIS' ENTERED AT 09:21:27 ON 23 OCT 2008

L1	188644 S OSTEOARTHRITIS
L2	95540 S L1 AND TREAT?
L3	7928 S L2 AND (INULIN OR GELLAN OR PULLULAN OR CURDLAN OR ALGINIC O
L4	6519 S L3 AND (SULFATE OR SULPHATE)
L5	1408 S L4 AND (SODIUM(A) SALT)
L6	132 S L3 AND (POLYSULFATE OR POLYSULPHATE)
L7	1408 S L5 AND (SODIUM(A) SALT)
L8	42 S L6 AND (SODIUM(A) SALT)

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L12	0 S MILANO JOSEP VERGES/AU
L13	0 S ROURA RAMON RUHI/AU
L14	0 S VERNON CARLOS RAUL ALAEZ/AU